

**APPENDIX Q**  
**OMWD Best Management Practices Reports**  
**for FY 06 through FY 10**



## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

Agency: **Olivenhain MWD**  
Retail

District Name: **Olivenhain MWD**

CUWCC Unit #: **176**

Primary Contact **Teresa Chase**

Telephone **760-632-4641**

Email: **tchase@olivenhain.com**

Compliance Option Chosen By Reporting Agency:  
(Traditional, Flex Track or GPCD)

GPCD if used:

GPCD in 2010	267
GPCD Target for 2018	282

Year	Report	Target	Highest Acceptable Bound		
		% Base	GPCD	% Base	GPCD
2010	1	96.4%	331	100%	344
2012	2	92.8%	319	96%	331
2014	3	89.2%	306	93%	319
2016	4	85.6%	294	89%	306
2018	5	82.0%	282	82%	282

Not on Track if 2010 GPCD is  $\geq$  than target

GPCD in 2010 **267**

Highest

Acceptable GPCD **344**

for 2010

**On Track**

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### Foundation Best Management Practices for Urban Water Efficiency

#### Foundational BMPs

##### BMP 1.1 Operational Practices

		2009	2010	Conservation Coordinator provided with necessary resources to implement BMPs?
1. Conservation Coordinator provided with necessary resources to implement BMPs?	Name	Teresa Chase	Teresa Chase	
	Title	Education/Conservation Coordinator	Education/Conservation Coordinator	
	Email	tchase@olivenhain.com	tchase@olivenhain.com	
		On Track	On Track	
2. Water waste prevention documentation				
	Descriptive File 2009	Olivenhain_Water_Principles_app		
	Descriptive File 2010		Olivenhain_Water_Principles_approved012203.doc; ORD339_BrdApproved11-29-06.doc	On Track if any one of the 6 ordinance actions done, plus documentation or links provided
	URL 2009	0		
	URL 2010		0	
	Describe Ordinance Terms 2009			
	Describe Ordinance Terms 2010			
		On Track	On Track	



## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

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#### BMP 1.2 Water Loss Control

	2009	
Complete a prescreening Audit	Yes	On Track
Metered Sales	24,445	
Verifiable Other Uses	1,715	
Total Supply	26,161	
(Metered Sales + System uses)/ Total Supply >0.89	1.00	On Track
If ratio is less than 0.9, complete a full scale Audit in 2009?	N/A	
Verify Data with Records on File?	Yes	On Track
Operate a system Leak Detection Program?	Yes	On Track

On Track if Yes

On Track if  $\geq 0.89$ , Not on Track if No

On Track if Yes

On Track if Yes

On Track if Yes

On Track if Yes, Not on Track if No

On Track if Yes, Not on Track if No

Info only until 2012

Info only until 2012

Info only until 2012

On Track if Yes, Not on Track if No

On Track if Yes, Not on Track if No

Info only until 2012

Info only until 2012

	2009	
Compile Standard Water Audit using AWWA Software?	Yes	On Track
AWWA file provided to CUWCC?	WaterAudit0809_OMWD-entries.	On Track
AWWA Water Audit Validity Score?	95	
Completed Training in AWWA Audit Method?	Yes	
Completed Training in Component Analysis Process?	Yes	
Complete Component Analysis?	No	
Repaired all leaks and breaks to the extent cost effective?	Yes	On Track
Locate and repair unreported leaks to the extent cost effective.	Yes	On Track
Maintain a record-keeping system for the repair of reported leaks, including time of report, leak location, type of leaking pipe segment or fitting, and leak running time from report to repair.		
Provided 7 types of Water Loss Control Info		
Leaks Repaired	Value Real Losses	Value Apparent Losses
	Miles Surveyed	Press Reduction
	Cost of Interventions	Water Saved

	2010	
Compile Standard Water Audit using AWWA Software?	Yes	On Track
AWWA file provided to CUWCC?	WaterAudit2010_OMWD_entries.xlsx	On Track
AWWA Water Audit Validity Score?	96	
Completed Training in AWWA Audit Method?	Yes	
Completed Training in Component Analysis Process?	Yes	
Complete Component Analysis?	No	
Repaired all leaks and breaks to the extent cost effective?	Yes	On Track
Locate and repair unreported leaks to the extent cost effective.	Yes	On Track
Maintain a record-keeping system for the repair of reported leaks, including time of report, leak location, type of leaking pipe segment or fitting, and leak running time from report to repair.		
Provided 7 types of Water Loss Control Info		
Leaks Repaired	Value Real Losses	Value Apparent Losses
	Miles Surveyed	Press Reduction
	Cost of Interventions	Water Saved

On Track if Yes, Not on Track if No

On Track if Yes, Not on Track if No

Info only until 2012

Info only until 2012

Info only until 2012

On Track if Yes, Not on Track if No

On Track if Yes, Not on Track if No

Info only until 2012

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## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

#### 1.3 METERING WITH COMMODITY RATES FOR ALL NEW CONNECTIONS AND RETROFIT OF EXISTING CONNECTIONS

Exemption or 'At least as Effective As' accepted by CUWCC

Numbered Unmetered Accounts

Metered Accounts billed by volume of use

Number of CII accounts with Mixed Use meters

Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?

Feasibility Study provided to CUWCC?

Completed a written plan, policy or program to test, repair and replace meters

2009	2010
0	0
Yes	Yes
428	424
No	No
No	No
Yes	Yes

On Track

On Track

On Track

On Track

No

No

No

No

Yes

Yes

On Track

On Track

If signed MOU prior to 31 Dec 1997, On Track if all connections metered; If signed after 31 Dec 1997, complete meter installations by 1 July 2012 or within 6 yrs of signing and 20% biannual reduction of unmetered connections.

On Track if no unmetered accounts

Volumetric billing required for all connections on same schedule as metering

Info only

Info only until 2012

Info only until 2012

On Track if Yes, Not on Track if No



## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

Agency: **Olivenhain MWD** District Name: **Olivenhain MWD** CUWCC Unit #: **176**  
 Retail Coverage Report Date: **June 9, 2011**  
 Primary Contact: **Teresa Chase** Email: **tchase@olivenhain.com**

#### 1.4 Retail Conservation Pricing

##### Metered Water Rate Structure

Date 2009 data received **June 10, 2011**

Date 2010 data received **June 10, 2011**

On Track if: Increasing Block, Uniform, Allocation, Standby Service; Not on Track if otherwise

Customer Class	2009 Rate Type	Conserving Rate?	Customer Class	2010 Rate Type	Conserving Rate?
Single-Family	Increasing Block	Yes	Single-Family	Increasing Block	Yes
Multi-Family	Increasing Block	Yes	Multi-Family	Increasing Block	Yes
Commercial	Increasing Block	Yes	Commercial	Increasing Block	Yes
Agricultural	Increasing Block	Yes	Dedicated Irrigation	Increasing Block	Yes
Dedicated Irrigation	Increasing Block	Yes	Agricultural	Increasing Block	Yes
Fire Lines	Increasing Block	Yes	Fire Lines	Select a Rate Structure	
Other	Increasing Block	Yes	Other	Select a Rate Structure	
<b>On Track</b>			<b>On Track</b>		

Year Volumetric Rates began for Agencies with some Unmetered Accounts

Info only

Agencies with Partially Metered Service Areas: If signed MOU prior to 31 Dec. 1997, implementation starts no later than 1 July 2010. If signed MOU after 31 Dec. 1997, implementation starts no later than 1 July 2013, or within seven years of signing the MOU,

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Coverage Report Date: **June 9, 2011**



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Adequacy of Volumetric Rates) for Agencies with No Unmetered Accounts

Customer Class	2009 Rate Type	2009 Volumetric Revenues \$1000s	2010 Rate Type	2010 Volumetric Revenues \$1000s
Single-Family	Increasing Block	\$ 15,680	Increasing Block	\$ 16,040
Multi-Family	Increasing Block	\$ 550	Increasing Block	\$ 589
Commercial	Increasing Block	\$ 1,293	Increasing Block	\$ 1,425
Agricultural	Increasing Block	\$ 777	Increasing Block	\$ 3,325
Dedicated Irrigation	Increasing Block	\$ 4,067	Increasing Block	\$ 488
Fire Lines	Increasing Block	\$ 6	Select a Rate Structure	\$ 5
Other	Increasing Block	\$ 1,737	Select a Rate Structure	\$ 2,381
Total Revenue Commodity Charges (V):		\$ 24,110		
Total Revenue Fixed Charges (M):		\$ 6,797	\$ 7,733	
Calculate: V / (V + M):		78%	76%	
		On Track	On Track	

Agency Choices for rates:

A) Agencies signing MOU prior to 13 June2007, implementation starts 1 July2007: On Track if (V / (V + M) ≥ 70% x .8 = **56% for 2009** and 70%x0.90 = **63% for 2010**; Not on track if (V / (V + M)) < 70%;

B) Use Canadian model. Agencies signing MOU after 13June2007, implementation starts July 1 of year following signing.

Canadian Water & Wastewater Rate Design Model Used and Provided to CUWCC  
If Canadian Model is used, was 1 year or 3 year period applied?

**No**  
**On Track**

**No**  
**On Track**

#### Wastewater Rates

Does Agency Provide Sewer Service?

**2009** If 'No', then wastewater rate info not required.  
**Yes**

**2010**  
**Yes**

Customer Class	2009 Rate Type	Conserving Rate?	Customer Class	2010 Rate Type	Conserving Rate?
Single-Family	Uniform	Yes	Single-Family	Increasing Block	Yes
Multi-Family	Uniform	Yes	Multi-Family	Increasing Block	Yes
Commercial	Uniform	Yes	Commercial	Increasing Block	Yes
Commercial	Uniform	Yes	Commercial	Increasing Block	Yes
Commercial	Uniform	Yes	Commercial	Increasing Block	Yes
<b>On Track</b>			<b>On Track</b>		

On Track if: 'Increasing Block', 'Uniform', 'based on long term marginal cost' or 'next unit of capacity'



## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

#### BMP 2. EDUCATION PROGRAMS

##### BMP 2.1 Public Outreach Actions Implemented and Reported to CUWCC

Does a wholesale agency implement Public Outreach Programs for this utility's benefit?

Names of Wholesale Agencies

1) Contacts with the public (minimum = 4 times per year)

2) Water supplier contacts with media (minimum = 4 times per year, i.e., at least quarterly).

3) An actively maintained website that is updated regularly (minimum = 4 times per year, i.e., at least quarterly).

4) Description of materials used to meet minimum requirement.

5) Annual budget for public outreach program.

6) Description of all other outreach programs

2009	2010
Yes	Yes
San Diego County Water Authority Metropolitan Water District of Southern California	San Diego County Water Authority Metropolitan Water District of Southern California
46	52
29	38
Yes	Yes
Newsletter articles on conservation Website Email Messages Flyers and/or brochures (total copies), bill stuffers General water conservation information Articles or stories resulting from outreach News releases Written editorials	Newsletter articles on conservation Website Email Messages Flyers and/or brochures (total copies), bill stuffers General water conservation information Articles or stories resulting from outreach News releases, Newspaper contacts Television contacts, Written editorials
\$ 131,960	\$ 124,560
Description is too large for text area. Data will be stored in the BMP Reporting database when online.	Description is too large for text area. Data will be stored in the BMP Reporting database when online.
On Track	On Track

Yes/No

All 6 action types implemented and reported to CUWCC to be 'On Track')





## CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

### Foundation Best Management Practices for Urban Water Efficiency

#### 2.2 School Education Programs Implemented and Reported to CUWCC

	2009	2010	
Does a wholesale agency implement School Education Programs for this utility's benefit? Name of Wholesale Supplier?	Yes  San Diego County Water Authority Metropolitan Water District of Southern California	Yes  San Diego County Water Authority Metropolitan Water District of Southern California	
1) Curriculum materials developed and/or provided by agency	Yes, See SDCWA program brochure and MWD material list.	Yes, See SDCWA program brochure and MWD material list.	Yes/ No
2) Materials meet state education framework requirements and are grade-level appropriate?	Yes	Yes	All 5 actions types implemented and reported to CUWCC to be
3) Materials Distributed to K-6? Describe K-6 Materials	Yes  Sent wholesaler brochures. Mailed OMWD sponsored program list sent to all schools in service area.	Yes  Sent wholesaler brochures. Mailed OMWD sponsored program list sent to all schools in service area.	Describe materials to meet minimum requirements
Materials distributed to 7-12 students?	No	Yes	Info Only
4) Annual budget for school education program.	\$ 5,000	\$ 7,500	
5) Description of all other water supplier education programs	Project WET course offered to teachers. Watershed model Advertised CSDA grant program to all schools.	Project WET course offered to teachers. Watershed model Advertised CSDA grant program to all schools.	
	On Track	On Track	